SIRIUS STRATUS

Satellite Radio Plug-n-Play



Installation & User Guide

Congratulations on the Purchase of your new SIRIUS Stratus SV3 Plug-n-Play Radio

Your new SIRIUS Stratus SV3 Plug-n-Play Radio lets you enjoy SIRIUS® Satellite Radio's digital entertainment in any vehicle where you've installed the included vehicle docking station.

The Stratus SV3 is also compatible with the SUPH1 SIRIUS Universal Plug and Play Home Kit, the SUPV1 SIRIUS Universal Plug and Play Vehicle Kit, and the SUBX1 SIRIUS Plug and Play Universal Boombox (each sold separately).

Use this manual to familiarize yourself with all of the Stratus' features and capabilities. For the latest information about this and other SIRIUS products and accessories, visit http://www.sirius.com.



Table of Contents

TABLE OF CONTENTS
WARNING AND SAFETY INFORMATION
FCC Information
Canadian Compliance
General Precautions
Warnings
COPYRIGHTS & TRADEMARKS
PACKAGE CONTENTS
INSTALLATION
Location
Mounting the Vehicle Dock
Installing the Antenna
Connecting the Cigarette Lighter Adapter
Maximizing Audio Quality From Your SIRIUS Radio
Wireless Connection
Direct Connections
Subscribing to the SIRIUS Service
CONTROLS
SIRIUS Stratus SV3 Reference Guide
SIRIUS Stratus SV3 Vehicle Dock Reference Guide
OPERATION
Display Screen Information
Changing Channels and Categories
Selecting Channels Directly
FM Frequency
Jump Button
Channel Lock.
MENU OPTIONS
SIRIUS ID
FM Transmitter

Audio Level .																	 		49
Tones																			49
Clock																			50
Jump Settings																			51
Channel Lock.																			52
Signal																			55
Factory Default																			55
OPTIONAL ACCE	S	sc	R	IE	s.														57
ROUBLESHOO'	П	١G	i .																59
SPECIFICATIONS	5																		60
SIRIUS ID																			61

Warning and Safety Information

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a CLASS B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1. Reorient or relocate the receiving antenna.
- 2. Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4. Consult the dealer or an experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Canadian Compliance

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

General Precautions

Liquid Crystal Precautions

If the LCD screen on the radio is damaged, do not to touch the liquid crystal fluid. If any of the following situations happen, take the action indicated:

- If the liquid crystal fluid comes in contact with your skin, wipe the skin area with a cloth and then wash the skin thoroughly with soap and running water.
- If the liquid crystal fluid gets into your eye, flush the eye with clean water for at least 15 minutes. Seek medical care.
- If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Seek medical care.

Safety Precautions

Be sure to observe the following warnings. Failure to follow these safety instructions and warnings may result in a serious accident.

- Do not operate the radio in a way that might divert your attention from driving safely. As a
 driver, you alone are responsible for safely operating your vehicle in accordance with traffic safety laws at all times.
- Do not install the unit where it may obstruct your view through the windshield, or of your vehicle's indicator displays.
- Do not install the unit where it may hinder the function of safety devices such as an airbag.
 Doing so may prevent the airbag from functioning properly in the event of an accident.
- Be sure the unit is installed as described in the installation instructions which accompany
 each accessory kit. SIRIUS Satellite Radio is not responsible for issues arising from installations which were not installed according to the instructions.

- · To avoid short circuits, do not open the unit, and never put or leave any metallic objects (coins, tools, etc.) inside the unit.
- If the unit emits smoke or unusual odors, turn the power off immediately, and disconnect the unit from any power source.
- Do not drop the unit or subject it to strong shocks.
- · If the unit doesn't seem to be working properly, turn the unit off, remove the battery from the unit, wait 10 seconds, replace the battery and then turn it on again.
- The installation and use suggestions contained in this manual are subject to any restrictions or limitations that may be imposed by applicable law. The purchaser should check applicable law for any restrictions or limitations before installing and/or operating this unit.
- Do not install the FM Extender Antenna where it will hinder or block your view. In some states it may be illegal to mount it on the windshield of your vehicle. Check applicable law for any restrictions or limitations before installing the FM Extender Antenna on your windshield.
- · Do not install the FM Extender Antenna where it may hinder the function of safety devices such as an airbag. Doing so may prevent the airbag from functioning properly in the event of an accident.

Warnings

Notice To Drivers In California and Minnesota

State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Other dashboard or friction mounting options should be used. SIRIUS does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71)

Operating Temperature

The radio is designed to operate between -20° to +85° C (-4° to +185° F). Avoid leaving the radio in a vehicle or elsewhere where the temperature may fall outside this range. Extreme temperatures or extreme temperature fluctuations can degrade the performance of the LCD display screen, and possibly damage it.

Cleaning and Maintenance

If the radio or accessories become dirty, turn the power off and wipe it clean with a soft cloth. Do not use hard cloths, strong cleaning fluids, paint thinner, alcohol, or other volatile solvents to clean. These may cause damage to the radio.

Cigarette Lighter Adapter

The vehicle dock cannot be powered directly from a vehicle's 12 VDC power system. It must be powered using the included Cigarette Lighter Adapter only. Connecting the vehicle dock directly to the vehicle's 12 VDC power system may result in damage to the vehicle dock or SIRIUS radio, or both.

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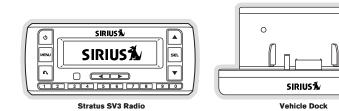
Portions of the software on this radio are licensed under the eCos License. Distribution of eCos requires that the eCos source code be made available to Sirius Satellite Radio customers. The eCos License and eCos source code are available to the public at http://www.sirius.com/ecoslicense.

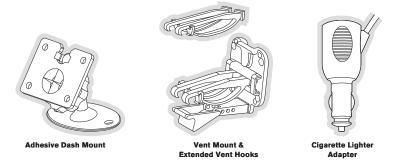
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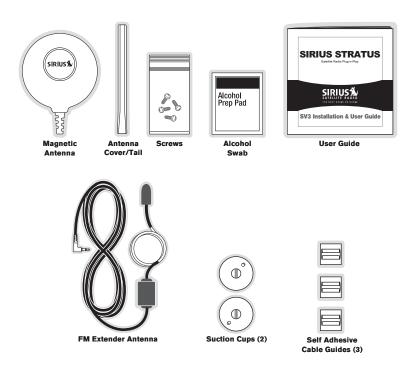
Hardware, subscription and activation fee required. For full Terms & Conditions, visit http://sirius.com. Prices and programming are subject to change. Not available in HI and AK. Equipment and subscription sold separately. Installation required with some equipment.

Package Contents

The following items are included with your purchase of the SIRIUS Stratus SV3 radio:







Unpack your SIRIUS Stratus SV3 radio carefully and make sure that everything shown is present. If anything is missing or damaged, or if your the radio fails to operate, notify your dealer immediately. It is recommended that you retain the original carton and packing materials in case you need to ship your radio in the future.

Installation

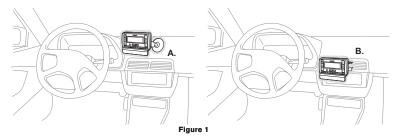
Installation of your SIRIUS Stratus SV3 radio is easy:

- Choose a location in your vehicle where you will mount the radio, either on the dash or the vent.
- 2. Mount the radio on the dash using the adhesive mount, or on a vent using the vent mount.
- Install the magnetic antenna on the roof of the vehicle, and route the antenna cable to the radio.
- 4. Decide whether to use a wireless connection or a direct connection to listen to your radio.
- 5. Connect the power cord for the radio to your vehicle's cigarette lighter.
- 6. Subscribe to the SIRIUS service and begin enjoying the SIRIUS entertainment!

Location

Choose a location in your vehicle where the radio will not block your vision, interfere with the vehicle controls, or obstruct the air bag. If you are using the adhesive mount, the location should be a suitable flat, smooth surface. The location should be easily reachable and provide good visibility of the radio.

Figure 1 illustrates the dash mount option (A), and the vent mount option (B).



Mounting the Vehicle Dock

Dash Mount Option (A)

Attach the dash mount to the vehicle dock using the provided screws. (Figure 2)

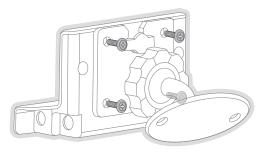


Figure 2

Before adhering the mount to your vehicle, be sure to select the mounting position carefully. Once the mount has been adhered to a surface, it will not be possible to remove it and adhere it again.

Clean the selected mounting surface area in the vehicle with the alcohol swab. Unscrew the adhesive foot from the mount. Peel the protective material off the adhesive on the foot and press the foot firmly against the vehicle surface.

The adhesive mount should then be allowed to adhere for a minimum of 2-4 hours before use. Best adhesion occurs after 24 hours.

Vent Mount Option (B)

Attach the vent mount to the vehicle dock using the provided screws. (Figure 3)

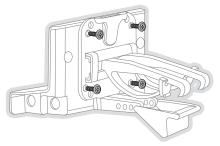


Figure 3

To mount the vehicle dock using the vent mount option, install the vent mount as follows:

 If the vent louvers in your vehicle are recessed, you may need to use the longer vent hooks with the vent mount. Refer to Figure 4 and install the longer vent hooks into the vent mount. Be sure to observe the orientation of the vent hooks as shown.

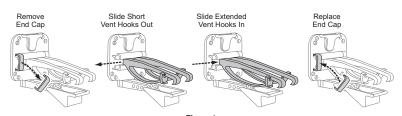


Figure 4

2. Refer to Figure 5 and attach the vent mount to a heating/air conditioning vent in your vehicle. Position the two tension springs A against a vent louver B. Then push the vent mount into the vent, far enough so that the hooks C drop down and hook the rear of the vent louver (Figure 6). Once you are sure that the hooks have grasped a vent louver, the tension springs A will keep the vent mount hooked to the louver.

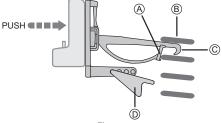
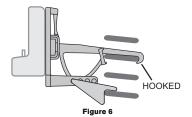
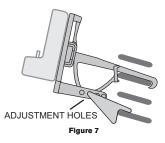


Figure 5



The angle of the docking station may be changed by changing the position of foot D on the vent mount (Figure 5) to a different adjustment hole. (Figure 7)



Installing the Antenna

The optimum mounting location for the magnetic antenna is on the roof of the vehicle, with a minimum unobstructed area of 12 inches by 12 inches, and exactly 6½ inches from the rear roof edge of the vehicle (the length of the rubber antenna cable cover/tail). It is important to avoid any obstructions that will block the SIRIUS signal, obstructions such as a roof rack, a sunroof, roof mounted cargo containers, or other antennas. For convertible vehicles, the antenna should be installed on the trunk lid.

For best performance, it is recommended that the antenna be installed with the rubber antenna cable cover/tail. This rubber antenna cable cover/tail provides two benefits: first, it positions the antenna the recommended distance from the rear window, rear door/hatch, or trunk edge to give the antenna the best view of the sky. Secondly, it conceals and protects the exposed antenna cable. The rubber antenna cable cover/tail has adhesive strips that hold it securely in place.

The following illustrations show the recommended mounting locations of the antenna for several types of vehicles. (Figure 8) Follow these recommendations for best performance from the antenna.



Figure 8

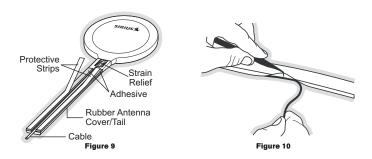
Sedan/Coupe. Mount the antenna along the rear center-line of the vehicle roof, located at the rear of the roof near the rear window.

Pickup Truck. Mount the antenna along the rear center-line of the cab roof, located at the rear of the roof near the rear window.

SUV/Mini-Van. Mount the antenna along the rear center-line of the vehicle roof, located at the rear of the roof near the rear door/hatch.

Convertible. Mount the antenna along the center-line of the trunk lid, with the rubber antenna cable cover/tail directed toward the rear window.

When you have selected a suitable mounting location, clean the area where the antenna and rubber antenna cable cover/tail will be mounted with the supplied alcohol swab.



Connect the rubber antenna cable cover/tail to the antenna cable, making sure that the strainrelief on the antenna sits into the rubber antenna cable cover/tail groove. (Figure 9) Route the antenna cable through the wire channel in the rubber antenna cable cover/tail. Do not remove the protective strips yet.

Temporarily position the antenna and rubber antenna cable cover/tail in the selected mounting area and route the cable from the antenna to the vehicle's interior by tucking it underneath the rubber molding around rear window, as shown in Figure 10.

Route the cable from the lowest point of the rear window into the trunk. Take advantage of any existing cable channels or wiring conduits. For SUVs, mini-vans and 5-door vehicles, bring the cable into the vehicle under the rubber molding for the tailgate, and continue under the interior trim.

From the trunk, or rear of the vehicle, route the cable around the passenger compartment and to the front of the vehicle, to the radio. Take care not pull the cable across sharp edges that could damage it, and keep it away from areas where it might entangle feet. Coil any excess antenna cable in a location where it can be hidden.

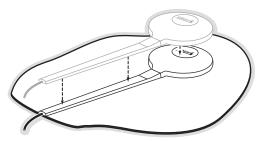


Figure 11

Once the antenna cable is routed through the vehicle, and you are satisfied with the cable routing, peel the protective material from the adhesive strips and press the rubber antenna cable cover/tail firmly into place on the vehicle. Double check that the location of the antenna and rubber antenna cable cover/tail are correct, and continue to press firmly down on rub-

ber antenna cable cover/tail for another 30 seconds. (Figure 11) At room temperature (68 degrees), maximum adhesion usually occurs within 72 hours. During this period, avoid car washes and other contact with the antenna and rubber antenna cable cover/tail.

Connect the antenna cable to the ANT connection at the rear of the dock. (Refer to Figure 2 on page 37 for the location of this connector.)

Connecting the Cigarette Lighter Adapter

Connect the cigarette lighter power adapter to the radio, and plug it into your vehicle. (Refer to Figure 2 on page 37 for the location of this connector.)

Maximizing Audio Quality From Your SIRIUS Radio

There are two primary ways to connect your SIRIUS radio to your vehicle radio: **Wireless Connection** or **Direct Connection**. The following sections will help you obtain the best performance. For the latest information go to http://www.sirius.com/vehicleinstallation.

WIRELESS CONNECTION

Your SIRIUS radio contains an FM transmitter. The FM transmitter sends the audio from your SIRIUS radio to your vehicle radio. (Figure 12)



Figure 12

Included with your SIRIUS radio is an FM Extender Antenna to maximize the audio quality of your SIRIUS radio when using a wireless audio connection. Should the wireless audio quality without the FM Extender Antenna be not acceptable, you can try using the FM Extender Antenna (or opt for a direct connection).

Wireless Audio Connection Without the FM Extender Antenna

To tune your vehicle's FM radio and your SIRIUS radio to the same FM channel (Figure 12):

- 1. Turn off your SIRIUS radio and tune through the FM channels on your vehicle radio to locate an FM channel that is not broadcasting in your area. If you use an FM channel that is being used by a local broadcaster, it will interfere with the performance of your SIRIUS radio. Once you have located an FM channel that is not broadcasting in your area, save it as a preset on your vehicle radio. This will become your SIRIUS preset.
- Turn on your SIRIUS radio. Press and hold the MENU Menu button to access the FM channel number list on your SIRIUS radio. Tune to the channel that matches the SIRIUS preset on your vehicle radio. Refer to the FM Frequency section on page 41 for more detailed instructions on how to do this.

Note: The FM transmitter in your SIRIUS radio is automatically set to FM channel 88.1. This may not be the best channel in your area.

Tip: If you regularly travel between cities with different active FM channels, you may need to find channels that are not broadcasting in each city. Several SIRIUS radio models can store multiple FM transmit channels, so you can easily switch to the best FM channel for each city. Refer to your user guide for details on this feature. You will also want to set the FM channels that are not broadcasting in each city as presets on your vehicle's radio.

If you're not sure which FM channels are not broadcasting in your home or travel cities, you can also go to http://www.sirius.com/fmchannel and search for a suggested FM channel based on your zip code.

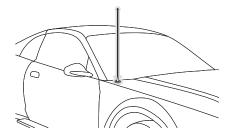
Wireless Audio Connection Using the FM Extender Antenna

The purpose of the FM Extender Antenna is to maximize the audio quality of your SIRIUS radio when using the FM transmitter in your SIRIUS radio to transmit the audio to your vehicle's FM radio. Proper placement of the FM Extender Antenna inside your vehicle in close proximity to the vehicle's own FM antenna will provide a strong FM signal for good reception. The FM Extender Antenna has permanent adhesive mounts for installing it on your vehicle's window.

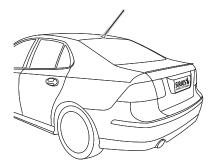
Because of the different kinds of FM antennas found in vehicles, and the varied locations of the antenna in each vehicle, SIRIUS suggests professional installation of this product in your vehicle. Professional installation provides an experienced technician to install this product in your vehicle, knowledge of your vehicle for locating the vehicle's FM antenna, installation of this product, and routing the cable and connecting it to your SIRIUS radio. Ask your SIRIUS retailer if they provide professional installation services, or can recommend a professional installation service

The FM antennas found in vehicles are of four distinct types:

 Aerial Type Fender Mounted FM Antenna: A fixed or retractable aerial antenna located on the front or rear fender of the vehicle.



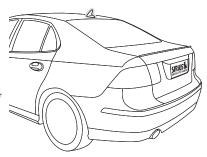
 Aerial Type Roof Mounted FM Antenna: A fixed aerial antenna mounted on the roof (often at the front or rear of the roof, just above the window glass).



 On Glass Type FM Antenna: Wires on the window glass of the vehicle, usually near the top of the window. It may be located on the windshield glass, the rear window glass, or a rear side window in some SUV and mini-van type vehicles (and other vehicles). It will look similar to the rear window defroster wires found in many vehicles.



 "Shark Fin" Type FM Antenna: A device resembling a shark fin (or other shape) located on the vehicle roof above the rear window.

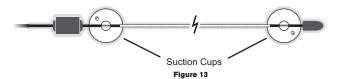


Before attempting installation, you should verify the type and location of the FM antenna in your particular vehicle. If you have trouble locating it, consult the manual which accompanied your vehicle, consult a dealer for your type of vehicle, or consult a professional installer.

The FM Extender Antenna should be placed inside the vehicle, as close as possible to the vehicle's FM antenna. A test mounting should be done first using the included suction cup mounts to test the installation. Once an acceptable location has been found, you will remove the suction cups and permanently adhere the FM Extender Antenna using the adhesive mounts.

To install the FM Extender Antenna in your vehicle, follow these instructions:

1. Attach the suction cups to the FM Extender Antenna in the positions shown in Figure 13.



- 2. In this step, follow the specific instructions in sub-step **a**, **b**, **c**, or **d** depending on the type of FM antenna in your vehicle:
 - a. Installation Instructions for Vehicles with Aerial Type Fender Mounted FM Antenna. For vehicles where the FM radio antenna is located on the front fender, the FM Extender Antenna should be mounted vertically on the front windshield at the edge of the glass nearest to the antenna. (Figure 14)

For vehicles where the FM radio antenna is located on the rear fender, the FM Extender Antenna should be mounted vertically on the rear window at the edge of the glass nearest to the antenna. (Figure 15)

Attach the FM Extender Antenna to the section of glass closest to the FM antenna in a vertical orientation. (Figure 14 or Figure 15) The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view.

Important Caution: In some states it may not be legal to put the FM Extender Antenna on the windshield glass. In this case, the FM Extender Antenna should be mounted on the A-Pillar adjacent to the FM antenna. (Figure 14)

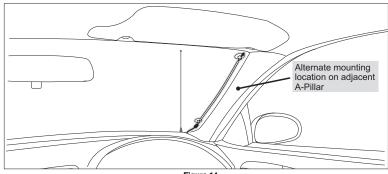
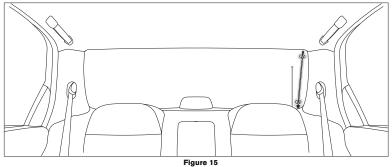


Figure 14



- b. Installation Instructions for Vehicles with Aerial Type Roof Mounted FM Antenna. For vehicles where the FM radio antenna is located on the front or rear of the roof of the vehicle, the FM Extender Antenna should be mounted horizontally on the front or rear glass below the FM antenna, or installed into the headliner of the vehicle under the FM antenna.
 - If you are installing the FM Extender Antenna on the window glass, attach the suction cups to the glass under the FM antenna in a horizontal orientation. The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view. (Figure 16)
 - If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered under the FM antenna.

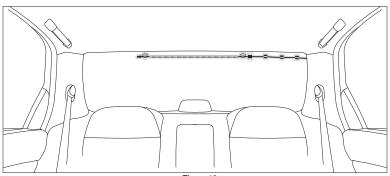


Figure 16

- c. Installation Instructions for Vehicles with On Glass Type FM Antenna. For vehicles where the FM radio antenna is located on the window glass, the FM Extender Antenna can be mounted horizontally on the glass, directly over the FM radio antenna, or installed into the headliner of the vehicle directly above the FM antenna.
 - If you are installing the FM Extender Antenna on the window glass, attach the suction cups to the glass centered over the FM radio antenna in a horizontal orientation. The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view. (Figures 17 & 18)
 - If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered above the FM antenna

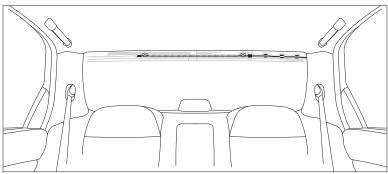


Figure 17

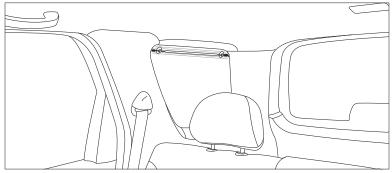


Figure 18

- d. Installation Instructions for Vehicles with Shark Fin Type FM Antenna. For vehicles where the FM radio antenna is located on the rear of the roof of the vehicle, the FM Extender Antenna should be mounted horizontally on the glass below the FM antenna, or installed into the headliner of the vehicle under the FM antenna.
 - If you are installing the FM Extender Antenna on the window glass, attach the
 suction cups to the glass below the FM antenna in a horizontal orientation. (Figure
 19) The wire between the two suction cups should be pulled taut and as straight
 as possible, and should not obstruct the driver's view.
 - If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered under the FM antenna.

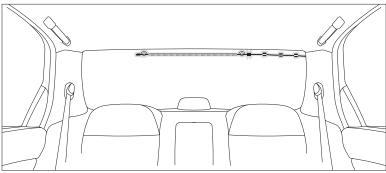
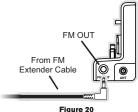


Figure 19

3. Plug the FM Extender Antenna into the FM OUT connector of the vehicle dock. (Figure 20)



- 4. Tune your vehicle's FM radio and your SIRIUS radio to the same FM channel (Figure 21):
 - a. Turn off your SIRIUS radio and tune through the FM channels on your vehicle's radio to locate an FM channel that is not broadcasting in your area. If you use an FM channel that is being used by a local broadcaster, it will interfere with the performance of your SIRIUS radio. Once you have located an FM channel that is not broadcasting in your area, save it as a preset on your vehicle radio. This will become your SIRIUS preset.



Figure 21

b. Turn on your SIRIUS radio. Press and hold the MENU Menu button to access the FM channel number list on your SIRIUS radio. Tune to the channel that matches the SIRIUS preset on your vehicle radio. Refer to the FM Frequency section on page 41 for more detailed instructions on how to do this.

Note: The FM transmitter in your SIRIUS radio is automatically set to FM channel 88.1. This may not be the best channel in your area.

Tip: If you regularly travel between cities with different active FM channels, you may need to find channels that are not broadcasting in each city. Several SIRIUS radio models can store multiple FM transmit channels, so you can easily switch to the best FM channel for each city. Refer to your user guide for details on this feature. You will also want to set the FM channels that are not broadcasting in each city as presets on your vehicle's radio.

- You should now hear the audio from your SIRIUS radio over your vehicle's FM radio. If the audio quality is not satisfactory, try moving the FM Extender Antenna slightly to see if a better signal can be obtained.
- If you are mounting the FM Extender Antenna in the headliner of the vehicle, skip this step. When you are satisfied with the mounting location, remove the suction cup mounts and peel the backing off the adhesive mounts. Permanently adhere it in the same position on the glass (or A-Pillar), keeping it taut and as straight as possible. (Figure 22)



- Figure 22
- 7. Route the antenna cable to your SIRIUS radio. Use the included self adhesive cable guides (if necessary) to hold the antenna wire in place until it reaches the weather stripping or moulding at the edge of the window. Take advantage of any existing cable channels or wiring conduits and route the cable around the passenger compartment to the vehicle dock. Take care not pull the cable across sharp edges that could damage it, and keep it away from areas where it might entangle feet. Coil and secure any excess antenna cable in a location where it can be hidden and secured.
- 8. Plug the FM Extender Antenna into the FM OUT connector of the vehicle dock (Refer to Figure 20 on page 29.)

This completes the installation of the FM Extender Antenna. If you're not sure which FM channels are not broadcasting in your home or travel cities, you can also go to http://sirius.com/fmchannel and search for a suggested FM channel based on your zip code.

DIRECT CONNECTIONS

Direct connection provides better audio performance than a wireless connection and removes the possibility of interference from local FM broadcasters.

Direct Wired Audio Connection

If your vehicle radio offers an "AUX IN" or "LINE IN" connection, it is the best audio connection available. If the "AUX IN" or "LINE IN" connector is located on the front of your vehicle radio, this is also the easiest connection. (Figure 23)

- Purchase an audio cable that matches the connection type of your vehicle radio and your SIRIUS radio at your local electronics retailer. Your SIRIUS radio requires a 1/8" stereo male connector. Your local electronics retailer can help you determine the proper connection for your car radio.
- Plug one end of the cable into the "AUDIO OUT" or "LINE OUT" jack on your SIRIUS radio. Plug the other end into your "AUX IN" or "LINE IN" jack on your vehicle radio.



Figure 23

Note: Refer to your vehicle radio manufacturer's guidelines for correct installation.

Note: If the "AUX IN" or "LINE IN" connection is on the back of your vehicle radio, you may want to consider professional installation. (Figure 24)

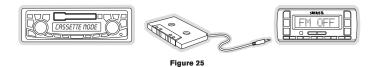


Figure 24

Cassette Adapter

If your vehicle radio has a cassette player:

- 1. Purchase a Cassette Adapter at your local electronics retailer.
- Connect the adapter between the "AUDIO OUT" or "LINE OUT" on your SIRIUS radio and the vehicle radio's cassette slot. (Figure 25)



Note: Refer to the cassette adapter manufacturer's guidelines for correct use.

SIRIUS FM Direct Adapter

If your vehicle radio does not have an "AUX IN" or "LINE IN" jack, the SIRIUS FM Direct Adapter provides a wired connection between your SIRIUS radio and your vehicle radio, eliminating the outside static and interference you sometimes experience when using a wireless FM connection. (Figure 26)

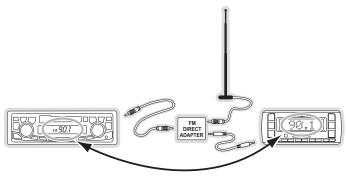


Figure 26

Professional installation may be required. See your local SIRIUS retailer.

For the latest information refer to http://www.sirius.com/vehicleinstallation. (The SIRIUS FM Direct Adapter is available at your local SIRIUS retailer or at http://shop.sirius.com).

Subscribing to the SIRIUS Service

Before you can listen to the SIRIUS service, you need to subscribe to the SIRIUS Satellite Radio service. To subscribe, do the following:

- Be sure that the radio is correctly installed, and that the antenna is oriented to receive the SIRIUS signal.
- 2. Turn on the radio. After the startup sequence, it will update the SIRIUS channel line-up. Wait until the channel updates have completed before pressing any buttons. (Figure 27)



Figure 27

 Once the channels have been updated, the display will change to To Activate Call 1-888-539-SIRIUS and will tune to channel 184. (Figure 28) You will not be able to listen to other channels until you activate your SIRIUS subscription.

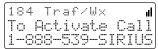


Figure 28

4. In order to subscribe, you will need your radio's unique 12-digit SIRIUS ID number (SID). (Figure 29) You can display the SID by tuning to channel 000 by using the channel up/down buttons on radio. You can also tune to channel 000 by momentarily pressing the Select button, then entering 000 at the prompt. (The SID number is also available on the radio's packaging.) Write the SID number down in the space provided near the end of this user guide.



Figure 29

- 5. Have your credit card handy and contact SIRIUS on the Internet at:
 - https://activate.siriusradio.com/ and follow the prompts to activate your subscription. You can also call SIRIUS toll-free at: 1-888-539-SIRIUS (1-888-539-7474).
- 6. When you have successfully subscribed to the SIRIUS service, and the radio has been updated with your subscription information, *Sub Updated, Press Any Key* will be displayed. (Figure 30) To continue, press any key on the radio.

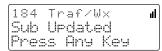


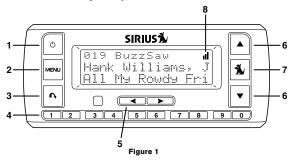
Figure 30

You are now ready to begin enjoying SIRIUS Satellite Radio's digital entertainment, and can tune to other channels!

Controls

SIRIUS Stratus SV3 Reference Guide

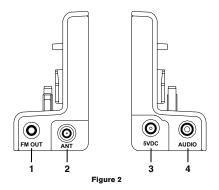
Figure 1 and the section following identify and describe the buttons of the SV3 radio.



- 1. Power Button: Turns the radio's power On and Off.
- Menu Button: Used to access menu options to make setup and feature changes. Pressing and holding displays the FM Frequency menu option.
- 3. Jump Button: Jumps to a pre-selected traffic/weather channel.
- Preset/Direct Tune Buttons (0-9): Sets and selects preset channels. Also used to directly tune channels by entering the channel number.
- Category Previous/Next Buttons: Navigates through the category (genre) list screen which displays SIRIUS channel categories.
- 6. Channel Up/Down Buttons: Navigates through channels and display screens.
- Select Button: Selects items highlighted on the display screen. When at the default display screen, a press and release will display a prompt to enter a channel number.
- 8. Signal Strength Display: Displays the signal strength of the satellite signal.

SIRIUS Stratus SV3 Vehicle Dock Reference Guide

Figure 2 and the section following identify and describe the connectors of the SV3 vehicle dock



- 1. FM OUT Connector: FM output for use with the optional FM Direct Adapter.
- 2. ANT Antenna Connector: Connection for the provided magnetic antenna.
- 3. DC5V Power Connector: Power connection for the cigarette lighter adapter.
- 4. AUDIO OUT Connector: Optional audio output connection for connecting to your vehicle's audio system if you are not using the FM transmitter.

Operation

Display Screen Information

When you have successfully activated your SIRIUS subscription, and the radio has received the subscription information from the SIRIUS signal, the default display screen will be displayed. (Figure 1)



Figure 1

When the radio is powered on, the previously selected channel will automatically begin playing.

You can select to have the channel name (Figure 1), category name (Figure 2), or time (Figure 3) displayed on the default display screen.



Figure 2

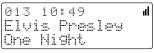


Figure 3

To change the display, press the MENU Menu button, then select $Display\ Options \rightarrow Mode$ and choose the desired display option.

Changing Channels and Categories

Pressing the ▲▼ Channel Up/Down buttons will cause the radio to immediately tune to the next or previous channel.

Pressing the <> Category Previous/Next buttons will cause the radio to display a category and a list of channels in the category. (Figure 4) Use the ▲▼ Channel Up/Down buttons to navigate through the list, and press the Select button to choose a selected channel.

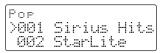


Figure 4

Use the ≺➤ Category Previous/Next buttons to scroll through the categories. (Figures 5 & 6)

Figure 5

Figure 6

Selecting Channels Directly

A channel may be directly selected by entering the channel number using 0-9 buttons on the radio.

To enter a channel number, momentarily press and release the 🗓 Select button. At the display prompt (Figure 7), enter the three digit channel number.

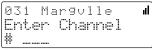


Figure 7

Channel Presets

You can store up to 10 of your favorite channels as presets for quick recall access by pressing the 0-9 buttons.

Storing Channel Presets

To store a favorite channel as a preset, do the following:

- 1. Tune the radio to the channel you wish to store as a preset.
- Press and hold for 1 second the numbered preset button (0-9) in which you wish to store your favorite channel. An audible beep will be heard and the preset number you selected will then be displayed to confirm that the channel has been stored. (Figure 8)

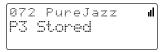


Figure 8

Note: If the preset button already has a channel stored in it, the preset will be replaced by the newly stored channel.

Selecting Presets

Press and release one of the 0-9 buttons to select a preset channel. If no channel has been saved in the selected preset, the PRESET EMPTY message will be displayed. (Figure 9)

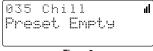


Figure 9

FM Frequency

When the FM transmitter in your SIRIUS radio is turned on, an FM radio tuned to the same FM frequency as your SIRIUS radio will receive the SIRIUS audio.

To quickly access the FM frequency menu, press and hold the MENU Menu button. The current FM frequency is displayed. (Figure 10) To change the FM frequency, use the ▲▼ Channel Up/Down buttons and **◄>** Category Previous/Next buttons to adjust the FM frequency. The ▲▼ Channel Up/Down buttons adjust in 0.2 MHz increments and the ◀► Category Previous/Next buttons adjust in 1 MHz increments. Press the 🖲 Select button to set the new FM frequency.



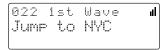
Figure 10

Note: The FM frequency is 88.1 MHz by default. This frequency may not be suitable for your area

Jump Button

Pressing the \(\Omega\) Jump button will jump to a traffic/weather channel which you have chosen for your area. This button allows you to quickly tune the traffic/weather for your area and then tune back to the original channel by pressing the button again. (Figure 11)

Refer to the Jump Settings section in the Menu Options section for information on configuring the \(\Omega\) Jump button for traffic/weather in your area.



If your traffic/weather report is not immediately available, the display will indicate that a jump is pending. (Figure 12) Once your local traffic/weather report is ready, the radio will automatically tune to the traffic/weather channel. You may have to wait a few minutes for your desired report.

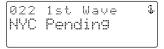


Figure 12

Pressing the A Jump button while a jump is pending will cancel the jump. Pressing the ↑ Jump button after the radio has tuned to the traffic/weather report will return to the channel to which you had been listening immediately prior to pressing the A Jump button.

Channel Lock

Channels may be locked so that they can only be accessed by entering a 4-digit code. Channels which have been locked will not appear in the channel lists, and cannot be selected using the A T Channel Up/Down buttons.

Locked channels can only be selected by using the direct entry method, by momentarily pressing the Select button and entering the channel number at the prompt by using the 0–9 buttons. (Figure 13) You will then be prompted to enter the 4-digit channel lock code before you can access the channel. (Figure 14)



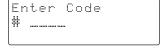


Figure 13

Figure 14

For more information on how to set the channel lock code, and how to lock or unlock channels, refer to the *Channel Lock* section on page 50.

Menu Options

To enter the Menu Options page of the radio, press the MENU Menu button. (Figure 1) To select a menu option, use the ▲▼ Channel Up/Down buttons to display the option you wish to adiust, and press the 🗷 Select button. If a selection is not made within 10 seconds, the radio will exit the menu options mode, and revert to the last active display mode.

Figure 1

To exit menu options, or any of the other menu option screens, repeatedly press and release thee MENU Menu button until you are returned to the default display screen.

The following sections explain each of the menu options in the order in which they are displayed on the Menu Options screen.

SIRIUS ID

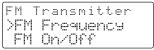
The Sirius ID menu option displays your 12 digit Sirius ID (SID) number. (Figure 2) The SID is unique to every radio and is required to activate your service. It is recommended that you write this number in the space provided near the end of this user guide. No adjustments are allowed in this mode. To exit the Sirius ID menu, press the MENU Menu.



Figure 2

FM Transmitter

The FM Transmitter menu option provides for turning the FM transmitter On and Off, and changing the FM frequency which the radio will broadcast on, (Figure 3) By default, the FM transmitter is on and the FM frequency is set to 88.1 MHz. This frequency may not be suitable for your area



FM Frequency

To change the FM frequency, use the ▲▼ Channel Up/Down buttons and ◀► Category Previous/Next buttons to adjust the FM frequency. The AV Channel Up/Down buttons adjust in 0.2 MHz increments and the < Category Previous/Next buttons adjust in 1 MHz increments. (Figure 4) Press the Select button to set the new FM frequency.



Figure 4

FM On/Off

To turn the radio's FM transmitter On or Off, use the ▲▼ Channel Up/Down buttons to select your choice and press the Select button. (Figure 5)

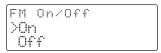


Figure 5

Settings

The Settings menu provides for changing the brightness and contrast of the display screen, and the display mode of the display screen. (Figure 6)

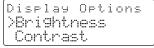


Figure 6

Brightness

The *Brightness* menu option adjusts the overall intensity of the LCD display to help with viewing in different lighting conditions. Use the ▲▼ Channel Up/Down buttons to adjust the brightness and press the 丛 Select button to set your choice. (Figure 7) The bar graph will move to indicate the change.



Figure 7

Contrast

The Contrast menu option adjusts the relationship between the background and the text on the LCD display. Use the $\blacktriangle \blacktriangledown$ Channel Up/Down buttons to adjust the brightness and press the \boxdot Select button to set your choice. (Figure 8) The bar graph will move to indicate the change.



Figure 8

Mode

The Mode menu option provides for changing the default display screen to display either the channel name, category name, or time, Refer to the Display Screen Information section on page 38 for examples.

Use the ▲▼ Channel Up/Down buttons to select the desired mode and press the 🗷 Select button to set your choice. (Figure 9)



Figure 9

Audio Level

The Audio Level menu option adjusts the level of the audio output of the radio. To adjust the audio level, use the ▲ ▼ Channel Up/Down buttons to change the audio level and press the 🔊 Select button to set your choice. (Figure 10). The bar graph will move to indicate the change.

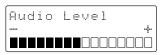


Figure 10

Tones

The Tones menu option is for selecting whether an audio tone will be heard as you navigate menus and lists. To turn the tones on or off, use the ▲▼ Channel Up/Down buttons to select your choice and press the Select button to set your choice. (Figure 11).



Figure 11

Clock

The Clock menu option provides for adjustment of the clock format, the time zone, and daylight savings time function. (Figure 12)

The time data for the radio's clock is provided via the SIRIUS signal, and will update based on the data received from the signal.



Figure 12

Format

The Format menu option is for changing the clock display format of the radio to 12 hour or 24 hour format. Use the ▲▼ Channel Up/Down buttons to select the desired format and press the

Select button to set your choice. (Figure 13)

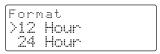


Figure 13

Time Zone

The *Time Zone* menu option is for changing the time zone of the radio. Use the ▲▼ Channel Up/Down buttons to select the desired time zone and press the 🗓 Select button to set your choice. (Figure 14)



Figure 14

Daylight Savings Time

The Daylight Savings Time menu option is for turning the Daylight Savings Time feature On or Off. Use the ▲▼ Channel Up/Down buttons to select on or off and press the 🗓 Select button to set your choice. (Figure 15)



Figure 15

Jump Settings

The *Jump* menu option is used to select a city for Traffic and Weather reports when the
↑ Jump button is pressed. Use the
▼ Channel Up/Down buttons to select a city and press the
⑤ Select button to set your choice. (Figure 16)

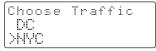


Figure 16

Channel Lock

The Channel Lock menu option provides the ability to lock out with password protection any channels you do not want others to access without your permission. A locked channel will not appear in the channel list.

When access to a locked channel is attempted using the direct channel entry method, the Enter Code screen is displayed and the channel cannot be accessed until the correct code is entered

Lock/Unlock

The Lock/Unlock menu option is used for selecting specific channels to either lock or unlock. To lock or unlock a channel:

1. If this is the first time that Channel Lock is being used, you will be prompted to create and enter a four digit numerical code. (Figure 17) This code can be any four digit number from 0000 to 9999. Then you will be prompted again to confirm the code you just entered. (Figure 18) If you should exit this prompt without entering a code, you will be prompted to set a code next time you enter the Lock/Unlock menu option.

```
New Code
# _____
```

Figure 17



Figure 18

If a code has been previously set, the *Enter Code* prompt will be displayed. Enter your four digit code and press the Select button to continue. (Figure 19)



Figure 19

and press the Select button. A locked channel will have the lock icon displayed to the right of the channel number and name. (Figure 20)



You can continue to select channels for locking or unlocking until you are finished. To exit the Lock/Unlock menu option press the MENU Menu button.

Edit Code

The Edit Code menu option is used to change a previously selected channel lock code. (The first time the Edit Code menu option is selected you will be prompted to enter a four digit code as described in the previous section.) (Figures 17 & 18)

To edit the channel lock code:

1. At the prompt, enter the current four digit channel lock code. (Figure 21) If you do not enter the correct code, a message will be displayed alerting you that the wrong code was entered (Figure 25), and you will be prompted again to enter the code again. (If you have forgotten your Parental Control code, call SIRIUS Customer Service for help.)



Figure 21

2. When the correct code is entered, you will be prompted to enter the new channel lock code. (Figure 22)



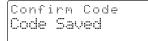
Figure 22

3. You will then be prompted to confirm the new channel lock code by entering it again. (Figure 23)



Figure 23

4. If you confirmed the correct channel lock code, a confirmation screen is displayed. (Figure 24) If you entered the wrong code, you will be alerted and you will have to repeat the process again. (Figure 25)



Confirm Code

Figure 24

Figure 25

To exit the Edit Code menu option press the MENU Menu button.

Signal

The Signal menu option provides a visual display of the strength of the SIRIUS signal from the satellite antenna and also from terrestrial (ground) transmitters. (Figure 26)



To exit the Signal menu option press the MENU Menu button.

Factory Default

The Factory Default menu option will restore most every feature of the radio to the original factory settings. The following is a list of all features affected by the Factory Default option:

- · All Presets are cleared
- Radio set to Normal Tuning Mode
- · Display brightness set to 50%
- Display Contrast set to 50%
- FM Transmitter set to On
- FM Frequency set to 88.1 MHz
- · Jump setting is cleared
- · Top line display mode set to Channel Name
- · Audio level set to -3db
- · Confirmation Tone set to On

Note that the Channel Lock feature is not affected by the Factory Default option. If a code has been set for the channel lock, the code will not be reset by the Factory Default feature, preventing circumvention of the channel lock feature. Channels which have been locked will remain locked.

When you perform a Factory Default, you will be prompted twice to confirm that you really want to proceed. (Figures 27 & 28)



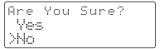


Figure 27

Figure 28

If you choose to proceed, the radio will confirm that the factory defaults are being restored. (Figure 29) When the Factory Default is complete, the radio will display Call 1-888-539-SIRI-US to Subscribe, the preview channel. The radio is still subscribed to the SIRIUS service.



Figure 29

Optional Accessories

The following optional accessories are available for purchase from your SIRIUS retailer to maximize your SIRIUS experience:

SUBX1 SIRIUS Plug and Play Universal Boombox

The SUBX1 SIRIUS Plug and Play Universal Boombox is a portable docking station and audio system for use with the SIRIUS Sportster radio. With the built-in amplifier and speakers, the boombox delivers rich powerful sound indoors or outdoors, and features an auxiliary input for other audio devices.

Included with the boombox is an adjustable indoor/outdoor windowsill antenna with 20' of cable and an AC adapter.

SUPH1 SIRIUS Universal Plug and Play Home Kit

The SUPH1 SIRIUS Universal Plug and Play Home Kit is a compact docking cradle that positions the radio for easy viewing and operation. Designed for guick and easy self-installation, it includes all necessary cabling to connect your SIRIUS radio to your home audio system.

The kit includes a compact tabletop/desktop docking cradle with FM output for wireless connectivity, an audio cable for connection to any stereo bookshelf system, an adjustable indoor/outdoor windowsill antenna with 20' of cable, and an AC Adapter.

SUPV1 SIRIUS Universal Plug and Play Vehicle Kit

The SUPV1 SIRIUS Universal Plug and Play Vehicle Kit is a compact docking cradle that positions the radio for easy wiring, viewing, and operation in an additional vehicle. Designed for quick and easy self-installation, it provides several mounting options and includes all necessary cabling to connect your SIRIUS radio to your vehicle audio system.

The SUPV1 SIRIUS Universal Plug and Play Vehicle Kit will work with the Sportster 4 and most new SIRIUS plug and play radios.

The kit includes a mobile docking cradle, a suction cup vehicle mount, a vent mount, a cigarette lighter adapter, and a magnetic antenna with 21' of cable.

FM Direct Adapter

The FM Direct Adapter accessory redirects your vehicle's FM antenna signal when listening to your SIRIUS radio using your vehicle's AM/FM radio. When the SIRIUS radio is powered on the FM Direct Adapter automatically redirects the vehicle's FM antenna signal away from the vehicle's AM/FM radio, reducing any interference which might be present from FM radio station broadcasts. When the SIRIUS radio is turned off, the FM antenna signal is automatically redirected back to the vehicle's AM/FM radio. (Product number 14100.)

Troubleshooting

Symptom	Solution
Radio does not power on	Blown fuse, or the power cable is not properly connected. Check for a bad fuse and check power cable connection
Radio displays: No Antenna	The satellite antenna is not connected to the radio. Check the satellite antenna connection to the radio.
Radio displays: Acquiring Signal	No satellite signal is being received. Check for obstacles over or around the satellite antenna. Change the vehicle location to eliminate nearby obstacles (bridges, overpasses, tress, buildings, etc.).
Audio static or loss of clarity	The FM frequency contains static. Locate a quiet FM frequency on your vehicle radio and set the FM transmitter frequency of the SIRIUS radio to match. If using the AUDIO OUT connector, check the cable connections.
No sound	The audio cables are not connected, or the FM radio is set to the wrong frequency. Check the audio cables at the SIRIUS radio and the FM radio. Tune the FM radio to the same FM frequency the SIRIUS radio is tuned.

Specifications

Satellite Frequencies	
Terrestrial Frequencies	
Radio Power Requirements	4.9-5.6 Volts, Negative Ground, DC
Cigarette Lighter Adapter Power Requirements	9-16 Volts, Negative Ground, DC
Audio Output	550mVrms (+/- 50mVrms)
Total Harmonic Distortion (THD)	<0.2%
Signal-to-noise (S/N)	Greater than 73dB
Fuse Requirement	2A ATC
Radio Dimensions (Length x Width x Depth)	114.3mm x 48.26mm x 15.24mm
	(4.5" x 1.9" x 0.6")
Radio Weight	85.0g (3.0 oz.)
Antenna Type	Low Profile Magnetic
Antenna Cable Length	21' (single micro-cable)
Connector Type	SMB (right-angle)
Audio Interface	
FM Out Interface	2.5mm Jack

Note: Features and Specifications are subject to change without notice.

SIRIUS ID

Write down the SIRIUS ID	(SID	of	vour SIRIUS	Stratus	SV3 ir	the	space	provided	below

SID:	 	



THE BEST RADIO ON RADIO

SIRIUS Customer Service: 1-888-539-7474 customercare@sirius-radio.com

> SIRIUS Satellite Radio Inc. 1221 Avenue of the Americas New York, NY 10020 1-888-539-7474 http://www.sirius.com

SIRIUS Satellite Radio Inc.

1221 Avenue of the Americas New York, NY 10020 (800) 869-5590 http://sirius.com

